

## WHAT IS CLAIMED IS:

1. A projection type video display that modulates light emitted from a light source by a light valve and projects the modulated light, comprising:

an ion wind generator for generating air flow by ionizing air and molecules in the air using an electrode on one side and drawing ions generated by the ionization by an electrode on the other side; and

an ozone removal filter provided on a path of the air flow.

2. A projection type video display according to claim 1, wherein the ozone removal filter is provided on a path of the air flow warmed by drawing heat generated in the video display.

3. A projection type video display according to claim 1, wherein the ozone removal filter is provided in a position on a path of the air flow and in the vicinity of the light source.

4. A projection type video display according to claim 3, wherein a reflector composing the light source transmits infrared light and the infrared light is guided to the ozone removal filter.

5. A projection type video display according to claim 1, wherein the ion wind generator is so provided as to take air outside the video display into the video display.

6. A projection type video display according to claim 5, wherein dust is caught by the electrode on the other side of the ion wind generator.

7. A projection type video display according to any one of claims 1 to 6, comprising:  
a sensor for detecting temperature or ambient temperature of the ozone removal filter;  
and

a control means for turning on the ion wind generator when the temperature is equal to or higher than predetermined temperature and turning off the ion wind generator when the temperature is lower than the predetermined temperature.

8. A projection type video display according to any one of claims 1 to 6, wherein the ion wind generator is turned on or off when a predetermined time period has passed after the ion

wind generator was turned on or off.